

## ABSTRACT

5 A driving unit comprising a fixed part, a moving part provided movably to the fixed part, a permanent magnet mounted on either one of the fixed part and the moving part, and a coil mounted on the other one of the fixed part and the moving part and facing the permanent magnet, characterized in that neither another permanent magnet nor a high magnetic permeable material is arranged on the other side of the coil facing the above-mentioned permanent magnet.